

What is Claimed is:

- 102/2017-2018
102/2017-2018
102/2017-2018
1. A stabilized window structure comprising
a window frame ^{FR} ^{OP 6/2/17-24} circumscribing an opening entirely or substantially entirely devoid
of glass so as to present a sizable hole;
a patch ¹⁰ removably secured over said window frame to cover said opening in its
entirety; and
a body of unifying material ¹⁶ disposed over and bonded to said patch to form a
cohesive mass therewith, said cohesive mass being removable from said window frame.
temporary makes removable
- 102 does not show but *removable*
2. A stabilized window structure as recited in claim 1 wherein said patch comprises
a plurality of patch members disposed over respective portions of said opening with
adjacent ones of said plurality of patch members in overlapping arrangement with one
another.
102 hooks adj. members divided by 21 "perforated seams"
103 if able to overlap, indirectly forms a "seam"
3. A stabilized window structure as recited in claim 1 wherein said patch
comprises a plurality of patch members disposed over respective portions of said opening
with adjacent ones of said plurality of patch members juxtaposed to one another to form
a seam therebetween, and said body of unifying material forms a bond at said seam.
Fig 17-20
no seam
only
overlaps
key
word
- 102
4. A stabilized window structure as recited in claim 1 wherein said patch is
adhesively secured to said window frame.

1 5. A stabilized window structure as recited in claim 1 and further including one or
2 more mechanical securing devices removably securing said patch to said window frame.

1 102 6. A stabilized window structure as recited in claim 4 wherein said patch has an
2 adhesive backing for adhesively securing said patch to said window frame.

1 102 7. A stabilized window structure as recited in claim 4 and further including a
2 quantity of said unifying material disposed between said window frame and said patch for
3 adhesively securing said patch to said window frame.

1 102 8. A stabilized window structure as recited in claim 4 and further including a
2 quantity of said unifying material disposed between said patch and any glass remaining in
3 said opening for adhesively securing said patch to said glass.

intended
it applied to final
esp because does not
detail removing any
remaining portions.

1 102 9. A stabilized window structure as recited in claim 4 and further including a release
2 element disposed between said window frame and said cohesive mass to facilitate removal
3 of said cohesive mass from said window frame.

14 E 14
line 47

1 102 10. A stabilized window structure as recited in claim 1 wherein said unifying
2 material is a polymeric material.

61 4 line 62 acrylic copolymerized

102
1 11. A stabilized window structure as recited in claim 10 wherein said unifying
2 material is a polymeric foam. (does not say but inherent pressure sensitive usually formed.)

102
1 12. A stabilized window structure as recited in claim 1 wherein said patch has an
2 exterior side and an interior side and said body of unifying material is disposed over at
3 least one of said exterior side or said interior side.

102
1 13. A stabilized window structure as recited in claim 12 wherein said body of unifying
2 material covers said at least one of said exterior side or said interior side in its entirety.

102
1 14. A stabilized window structure as recited in claim 1 and further including at least
2 one grasping member attached to said cohesive mass.

102
1 15. A stabilized window structure as recited in claim 3 wherein each of said patch
2 members comprises a pre-formed panel made of polymeric foam. (does not say foam but is preformed)

102 4889 754
1 16. A method of stabilizing a window structure having a window frame
2 circumscribing an opening entirely or substantially entirely devoid of glass so as to present
3 a sizable hole, said method comprising the steps of:

4 removably securing a patch over the window frame so as to cover the opening in
5 its entirety;

6 applying a body of unifying material over the patch;

7 bonding the unifying material to the patch to form a cohesive mass therewith; and
8 leaving the cohesive mass in place for a desired length of time to stabilize the
9 window structure.

102
1 17. A method of stabilizing a window structure as recited in claim 16 wherein said
2 step of removably securing includes adhesively securing the patch to the window frame.

X
1 18. A method of stabilizing a window structure as recited in claim 17 and further
2 including, prior to said step of adhesively securing, the step of applying a release element
3 over the window frame.

102
1 19. A method of stabilizing a window structure as recited in claim 17 wherein said
2 step of adhesively securing includes securing the patch to the window frame via an
3 adhesive backing on the patch.

X
1 20. A method of stabilizing a window structure as recited in claim 17 wherein said
2 step of adhesively securing includes the steps of applying a quantity of the unifying
3 material to the window frame and contacting the patch with the quantity of unifying
4 material.

X
1 21. A method of stabilizing a window structure as recited in claim 17 wherein said
2 step of adhesively securing includes the steps of applying a quantity of the unifying

material to any glass present in the opening and contacting the patch with the quantity of unifying material.

22. A method of stabilizing a window structure as recited in claim 16 wherein said step of removably securing includes attaching the patch to one or more mechanical securing devices and removably securing the one or more securing devices to the window frame.

102 includes patch from plurality if need be here intended
23. A method of stabilizing a window structure as recited in claim 16 wherein said step of removably securing includes removably securing a plurality of patch members to the window frame with each patch member covering a portion of the opening.

103 add to do
24. A method of stabilizing a window structure as recited in claim 23 wherein said step of removably securing includes overlapping adjacent ones of the plurality of patch members.

25. A method of stabilizing a window structure as recited in claim 23 wherein said step of removably securing includes juxtaposing adjacent ones of the plurality of patch members to define a seam therebetween, said step of applying includes applying the unifying material over the seam, and said step of bonding includes forming a bond at the seam.

1 102 26. A method of stabilizing a window structure as recited in claim 16 wherein said
2 step of applying includes covering at least one of an exterior side or an interior side of the
3 patch in its entirety with the body of unifying material.

1 27. A method of stabilizing a window structure as recited in claim 16 wherein said
2 step of applying includes applying the unifying material in fluid form and said step of
3 bonding includes allowing the unifying material to cure.

1 28. A method of stabilizing a window structure as recited in claim 16 and further
2 including the step of attaching at least one grasping member to the cohesive mass.

1 102 29. A method of stabilizing a window structure as recited in claim 16 and further
2 including, subsequent to said step of leaving, the step of removing the cohesive mass from
3 the window frame. *invent*

1 30. A stabilized window structure comprising:
2 a window frame circumscribing an opening entirely or substantially entirely devoid
3 of glass so as to present a sizable hole, and
4 a pre-formed panel of polymeric foam material removably secured over said
5 window frame to cover said opening in its entirety.

1 31. A stabilized window structure as recited in claim 30 wherein said panel is
2 adhesively secured to said window frame.

1 32. A stabilized window structure as recited in claim 31 and further including a
2 release element disposed between said window frame and said panel to facilitate removal
3 of said panel from said window frame.

1 33. A stabilized window structure as recited in claim 30 and further including one
2 or more mechanical securing devices removably securing said panel to said window frame.

1 34. A method of stabilizing a window structure having a window frame
2 circumscribing an opening entirely or substantially entirely devoid of glass so as to present
3 a sizable hole, said method comprising the steps of

4 removably securing a pre-formed panel of polymeric foam material over the window
5 frame to cover the opening in its entirety; and

6 leaving the panel in place for a desired length of time to stabilize the window
7 structure.

1 35. A method of stabilizing a window structure as recited in claim 34 wherein said
2 step of removably securing includes adhesively securing the panel to the window frame.

1 36. A method of stabilizing a window structure as recited in claim 35 and further
2 including, prior to said step of removably securing, the step of applying a release element
3 to the window frame.

1 37. A method of stabilizing a window structure as recited in claim 34 wherein said
2 step of removably securing includes securing the panel to the window frame with one or
3 more mechanical securing devices.

1 38. A method of removing a shattered window pane disposed in a window frame
2 and having one or more cracks dividing the window pane into a plurality of separate,
3 disconnected window pane sections, said method comprising the steps of

4 applying a body of unifying material to at least one of an exterior surface or an
5 interior surface of each window pane section leaving the one or more cracks devoid of the
6 unifying material;

7 bonding the unifying material to each window pane section to form a cohesive mass
8 for each window pane section including the body of unifying material and the window pane
9 section bonded thereto; and

10 removing the cohesive masses from the window frame separately from one another.

1 39. A method of removing a shattered window pane as recited in claim 38 wherein
2 said step of applying includes applying a layer of polymeric foam to each window pane
3 section.

1 40. A method of removing a shattered window pane as recited in claim 39 wherein
2 said step of applying includes applying the polymeric foam in fluidic form and said step of
3 bonding includes allowing the unifying material to cure.

1 41. A method of removing a shattered window pane as recited in claim 38 and
2 further including, prior to said step of removing, the step of attaching at least one grasping
3 member to each cohesive mass to facilitate said step of removing.

1 42. A method of removing a shattered window pane as recited in claim 38 wherein
2 said step of applying includes leaving a peripheral border around each body of unifying
3 material at which the unifying material is not applied to the corresponding window section.

1 43. A method of removing window pane shards from a track of a window structure,
2 said method comprising the steps of
3 applying a body of unifying material over the shards;
4 bonding the unifying material to the shards to form a cohesive mass including the
5 body of unifying material and the shards bonded thereto; and
6 removing the shards from the track by withdrawing the cohesive mass away from
7 the track such that the shards are removed from the track as the cohesive mass is
8 withdrawn.

1 44. A method of removing window pane shards as recited in claim 43 wherein said
2 step of applying includes applying the body of unifying material as a strip of unifying
3 material extending along the track.

1 45. A method of removing window pane shards as recited in claim 43 wherein said
2 step of applying includes applying a polymeric foam unifying material.

1 46. A method of removing window pane shards as recited in claim 45 wherein said
2 step of applying includes applying the polymeric foam unifying material in fluidic form and
3 said step of bonding includes allowing the polymeric foam unifying material to cure.

1 47. A method of removing window pane shards as recited in claim 44 wherein said
2 step of removing includes pulling an end of the strip of unifying material to withdraw the
3 strip of unifying material away from the track .

1 48. A method of removing window pane shards as recited in claim 43 wherein
2 said step of removing includes removing the shards as part of a single cohesive mass.

1 49. A method of removing window pane shards as recited in claim 43 wherein
2 said step of removing includes removing the shards as a plurality of pieces of the cohesive
3 mass.

1 50. A method of removing window pane shards as recited in claim 43 wherein
2 said step of applying includes applying the unifying material as a plurality of disconnected
3 strips of unifying material extending along the track, said step of bonding includes bonding
4 the unifying material to the shards to form a cohesive mass for each strip, and said step
5 of removing includes withdrawing the cohesive masses away from the track separately
6 from one another.

1 51. A method of removing window pane shards as recited in claim 43 wherein
2 said step of removing includes inserting a tool into the track to separate the shards from
3 the track.

20150927-01310
20150927-01310